

### Availability at Daily Maximum Demand Hour

ST-Coal	0 MW
ST-Gas	0 MW
ST-Oil	0 MW
Hydro	2,173 MW
Distillate	0 MW
<b>Total TNB</b>	<b>2,173 MW</b>
<b>Total IPP</b>	<b>16,464 MW</b>
<b>Total Co-Gen</b>	<b>0 MW</b>
<b>Total System</b>	<b>21,711 MW</b>

### Generation Mix

Type	MWh	Percentage
Hydro	18,688	5.52 %
Gas	37,406	11.05 %
<b>Total TNB</b>	<b>56,094</b>	<b>16.57 %</b>
ST-Coal	195,356	57.70 %
LSS	3,660	1.08 %
Gas	80,898	23.90 %
<b>Total IPP</b>	<b>279,914</b>	<b>82.68 %</b>
Co-Gen	1,106	0.33 %
<b>Total Co-Gen</b>	<b>1,106</b>	<b>0.33 %</b>
<b>Total Generation</b>	<b>337,114</b>	<b>99.57 %</b>
PLTG	55	0.02 %
HVDC	-1,495	-0.44 %
<b>Interconnection</b>	<b>-1,440</b>	<b>-0.43 %</b>
<b>Net Energy</b>	<b>338,554</b>	<b>100.00 %</b>

### Maximum Demand Record

Date: 3/10/2020	18,808 MW
Date: 3/10/2020	394,238 MWH

### Set On Bus, TNB, IPP And MD

Daily Maximum Demand Hour at:	15:30:00 Hour
Total Set On Bus	16,791 MW
TNB Generation	2,564 MW
IPP Generation	12,892 MW
Spinning Reserve	1,292 MW
Maximum Demand	15,817 MW
Net Energy	338,554 MWH
Load Factor	89.19 %

### Fuel Cost

Total Cost:	51,722,417.58 RM
Cost per Unit	15.34 cents/kWH

### Average Spinning Reserve During Peak Hour

Type	MW
GT	204
Hydro	396
Syncon	424
Thermal	335
<b>Total</b>	<b>1,359</b>

Time	Weather	Temperature
Afternoon	Hot	34
Morning	Rainy	26

### Hourly System MW Generation

	00:00	01:00	02:00	03:00	04:00	05:00	06:00	07:00	08:00	09:00	10:00	11:00	12:00	13:00	14:00	15:00	16:00	17:00	18:00	19:00	20:00	21:00	22:00	23:00
System Total	13666	13099	12696	12300	11990	11851	11983	12052	12562	13827	14434	14986	15013	14901	15382	15782	15758	15495	14700	14619	15582	15388	15055	14958

Prepared By: -Select Name-

Checked By: -Select Name-

Printed on: Thursday, September 2, 2021 9:09:17 AM

(Ir. Shanmugam Thoppalan)  
Head  
Grid System Operator





### Daily MW Generation on Thursday

Station	Unit	0000	0100	0200	0300	0400	0500	0600	0700	0800	0900	1000	1100	1200	1300	1400	1500	1600	1700	1800	1900	2000	2100	2200	2300																										
SRev ST-Coal		676	739	762	861	903	899	903	895	909	904	910	903	914	913	901	910	905	912	765	677	627	537	511	416	395	500	444	316	328	140	140	140	132	149	132	205	465	479	475	277	266	246	220	255	304	368	365	509		
SRev OCGT-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev CCGT-Gas		244	175	205	159	146	167	210	232	297	307	335	311	232	110	129	231	66	156	221	277	318	184	159	166	214	175	175	291	343	372	162	150	138	128	213	212	199	143	143	118	132	186	164	175	181	110	123	150		
SRev ST-Gas		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev LSS		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	-1	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
SRev Co-Gen		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Syncon		651	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	500	
Hydro		195	238	208	210	238	268	212	200	230	210	231	202	173	170	167	169	234	46	70	200	107	126	187	266	274	129	129	222	246	377	502	503	596	791	698	475	292	125	126	454	518	585	584	477	425	359	355	264		
S.Reserve Total		1766	1652	1675	1730	1787	1834	1825	1827	1936	1921	1976	1916	1819	1693	1697	1810	1518	1614	1706	1805	1516	1498	1321	1312	1347	1455	1399	1480	1381	1540	1303	1293	1179	1194	1356	1205	1420	1398	1395	1126	1193	1294	1245	1184	1187	1114	1120	1200		